

crete above the footing has been finished at pier "C," whilst at pier "D" the work is 20 feet above ground level. Excavating is going on in full swing at pier "E," and men are busily driving steel sheeting. At pier "F" the first lift above the footing is being erected, and will stand about 12 feet high. At pier "G" excavation is still in progress. At the main abutment at Danforth Avenue the grading is almost completed.

Quebec, Que.—The contractors in charge of the work being done on the St. Charles River harbor improvements, Messrs. Quinlan and Robertson, have made great progress within the last four months, so much so, in fact, that by the close of navigation the dam above the locks will be completed. At present there are in the neighborhood of some three hundred men employed on the works. Vast improvements are to be made on the Louise Embankment along the bank of the river in order to meet the requirements of traffic which will necessarily result from the completion of the locks and dam. The area south-east of the locks, nearest the embankment, and below the C.N.R. bridge, is to be filled in, and used as a freight yard. A highway bridge will be started next summer, of the bascule type, with telephone wires and cables running beneath the locks, so that the work now under way on the St. Charles River is a stupendous undertaking.

PERSONAL

HARRY WALSHAW has been appointed temporary building inspector of Calgary.

W. J. DOHERTY has resigned the position of general sales manager of the Northern Electric Company, Limited, Montreal, to go into business in Chicago.

A. D. SMITH, electrical inspector for Fort William, has been recalled to Ottawa by the hydro-electric commission. He will be succeeded by Mr. E. G. Jaffray, of Port Arthur.

R. W. FORD, superintendent of the Vancouver Gas Company, has resigned in order that he may devote all his time to military affairs. Mr. G. Porter, electrical engineer for the B.C.E.R., succeeds him.

R. H. MURRAY, A.M.Inst.C.E., resident sanitary engineer for the province of Saskatchewan, has received an appointment with the overseas forces under the British Army Medical Corps. He sails for England on August 28th.

Major C. N. MONSARRAT, who is chief engineer of the board of engineers of the Quebec bridge, has succeeded Lieut.-Col. J. G. Ross as officer commanding the 5th Royal Highlanders of Canada. Col. Ross is leaving for England where he will be attached to the staff of Brigadier General Carson in charge of Canadian troops.

GEORGE HENDERSON has been appointed to the vacant positions of president and general manager of Brandram-Henderson, Limited, Montreal. The new head is a son of the late Joseph R. Henderson, who was president and general manager for many years. He has been a director for some years, having had charge of the Maritime branch of the business.

OBITUARY.

The death occurred on August 20th, at Peterborough, Ont., of John E. Belcher, C.E., aged 80, who for many years filled the positions of county engineer and city engineer.

Second Lieut. D. Hook, a Canadian civil engineer, son of Allan J. Hook, Vancouver Island, has been killed in action. He went to England on the outbreak of the war and after a course of training obtained a commission in the Lancashire Fusiliers and went out to France early in July.

On August 17th an explosion occurred in the match factory at St. Casimir, Que., killing Nicholas Murphy, a well-known inventor and electrical engineer, aged 23.

The death occurred at St. Lambert, Que., of L. A. Roberge, a veteran railway contractor, at the age of 77. The late Mr. Roberge was promotor, builder and president of the famous railway that used to run on the ice from Montreal to Longueuil.

COMING MEETINGS.

PROVINCIAL ASSOCIATION OF FIRE CHIEFS.—Annual Convention to be held in Ottawa, Ont., August 24th to 27th, 1915. Secretary, Chief James Armstrong, Kingston, Ont.

NEW ENGLAND WATERWORKS ASSOCIATION.—Annual Convention to be held in New York City September 7th to 9th, 1915. Secretary, Williard Kent, 715 Tremont Temple, Boston, Mass.

AMERICAN ROAD BUILDERS' ASSOCIATION and AMERICAN HIGHWAY ASSOCIATION.—Pan American Road Congress to be held in Oakland, Cal., September 13th to 17th, 1915. Secretary, American Road Builders' Association, E. L. Powers, 150 Nassau Street, New York, N.Y. Executive Secretary, American Highway Association, I. S. Pennybacker, Colorado Building, Washington, D.C.

AMERICAN ELECTRO-CHEMICAL SOCIETY.—Twenty-eighth annual general meeting to be held in San Francisco, Cal., September 16th to 18th, 1915. J. M. Muir, 239 West 39th Street, New York City, Chairman of Transportation Committee.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS.—Convention to be held in San Francisco, Cal., September 16th to 18th, 1915. Secretary, Calvin W. Rice, 29 West 39th Street, New York City.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS.—Convention to be held in San Francisco, Cal., September 16th to 18th, 1915. Secretary, F. L. Hutchinson, 29 West 39th Street, New York City.

AMERICAN SOCIETY OF CIVIL ENGINEERS.—Annual convention to be held in San Francisco, Cal., September 16th to 18th, 1915. Secretary, Charles Warren Hunt, 220 West 57th Street, New York.

INTERNATIONAL ENGINEERING CONGRESS.—To be held in San Francisco, Cal., September 20th to 25th, 1915. Secretary, W. A. Catell, Foxcroft Building, San Francisco, Cal.

AMERICAN ELECTRIC RAILWAY ASSOCIATION.—Annual convention to be held in San Francisco, Cal., October 4th to 8th, 1915. Secretary, E. B. Burritt, 29 West 39th Street, New York.

NATIONAL PAVING BRICK MANUFACTURERS' ASSOCIATION.—Annual convention to be held in Dayton, O., October 11th and 12th, 1915. Secretary, Will P. Blair, B. of L. E. Building, Cleveland, O.